

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	"566375".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 12:18
S2	12	epichlorohydrinamine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 12:46
S3	3957	epichlorohydrin near3 amine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 12:53
S4	586	(epichlorohydrin near3 amine).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 12:54
S5	101	S4 and ((process or synthesi\$3) and (polymer)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 12:55
S6	4	((("3738945") or ("3573095")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 13:31
S7	6	EP-431739-\$.did. or WO-9728687-\$.did. or EP-738608-\$.did. or EP-884944-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 13:48
S8	1	("6103666").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 14:04
S9	773	dimethyl\$1amino\$1propyl\$1amine\$1 and benzyl\$1amine\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 14:27

## EAST Search History (Prior Art)

S10	94	dimethyl\$1amino\$1propyl\$1amine\$1 near10 benzyl\$1amine\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 14:27
S11	5	"566967".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 15:03
S12	117	S9 and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 15:51
S13	415	"8/94.15".CCLS.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/23 15:53
S14	0	S12 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 15:53
S15	544	8/94.1R.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 15:53
S16	445	8/94.15.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 15:54
S17	0	(S15 or S16) and S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 15:55
S18	0	(S15 or S16) and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 15:55
			US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT			

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S19	4959	epichlorohydrin near6 amine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 15:55
S20	0	(S15 or S16 or S13) and S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 15:56
S21	266	S19 and S8/\$7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 15:59
S22	82	S21 and S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 15:59
S23	3	S12 and leather	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 16:04
S24	3	S19 and S9 and leather	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 16:10
S25	279	564/498.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 16:13
S26	0	S25 and PAE	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 16:13

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S27	1	epichlorohydrin and S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 16:14
S28	35	S9 and leather	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 16:19
S29	7	S9 and (synthesi\$3).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 16:29
S30	164	S4 and (process or synthesi\$3).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 16:30
S31	94	(dimethyl\$1amino\$1propyl\$1amine\$1 or DMAPA) near10 benzyl\$1amine\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 16:48
S32	241	(dimethyl\$1amino\$1propyl\$1amine\$1 or DMAPA) same benzyl\$1amine\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 16:48
S33	63	S32 and epichlorohydrin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/23 16:49
S34	2	epichlorohydrinamine near5 polymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/06 17:57

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S35	596	(epichlorohydrin near3 amine).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 11:25
S36	338	S35 and polymer.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 11:25
S37	291588	benzylamine or (aminoethyl near ether) or (dimethyl near ethylene near diamine) or piperazine or ethylenediamine or (ethylene near diamine) or (dimethylaminopropylamine) or diethylenetriamine or (diethylene near triamine) or \$20triamine or \$20pentaamine or \$20propylamine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 11:28
S38	14197	epichlorohydrin.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 11:28
S39	1279	S37 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 11:28
S40	53875	S37.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 11:28
S41	954	S40 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 11:29
S42	457	S41 and (polymer or poly).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 11:31

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S43	978	526/266.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 11:51
S44	0	S41 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 11:52
S45	19	S43 and epichlorohydrin and S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 11:54
S46	512	(epichlorohydrin or epihalohydrin) same (dimethylaminopropylamine or (\$3methyl near2 amino near2 propyl near2 amine) or benzylamine or (benzyl near2 amine))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 12:30
S47	182	(epichlorohydrin or epihalohydrin) with (dimethylaminopropylamine or (\$3methyl near2 amino near2 propyl near2 amine) or benzylamine or (benzyl near2 amine))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 12:32
S48	253	S46 same (polymer or poly\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 12:34
S49	1	("3884774").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/07 12:40
S50	2	("2791554").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/07 12:55
S51	41	S47 with (polymer or poly)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 12:58

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S52	281	(dimethylaminopropylamine or (\$3methyl near2 amino near2 propyl near2 amine)) same (benzylamine or (benzyl near2 amine))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 14:16
S53	10	S52 same (epichlorohydrin or epihalohydrin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 14:16
S54	281	(dimethylaminopropylamine or (\$3methyl near2 amino near2 propyl near2 amine)) same (benzylamine or (benzyl near2 amine) or phenylalkylamine or (phenyl near2 alkyl near2 amine))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 14:34
S55	88	S54 and (epichlorohydrin or epihalohydrin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 14:35
S56	18	("2898310"   "3248353"   "3725312").PN. OR ("3915904").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/07 14:55
S57	18	("2898310"   "3248353"   "3725312").PN. OR ("3915904").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/07 15:40
S58	1675	phenylalkylamine or (phenyl near2 alkyl near2 amine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 15:46
S59	0	S58 with (alkylene near polyamine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 15:47
S60	45	S58 same ((alkylene near2 polyamine) or polyamine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 15:48

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S61	1	GB-1083681-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 15:50
S62	0	S58 same (alkylene near polyamine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 16:20
S63	0	S58 same (alkylene near3 polyamine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 16:21
S64	38206	phenylalkylamine or (phenyl near2 alkyl near2 amine) or benzylamine or (benzyl near2 amine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 16:21
S65	66	S64 same (alkylene near polyamine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 16:22
S66	281	S64 same (dimethylaminopropylamine or (\$3methyl near2 amino near2 propyl near2 amine))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 16:47
S67	88	S66 and (epichlorohydrin or epihalohydrin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 16:50
S68	10	S66 same (epichlorohydrin or epihalohydrin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 16:51

## EAST Search History (Prior Art)

S69	10	S66 same (epichlorohydrin or epihalohydrin or \$4halohydrin\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 16:51
S70	71941	S37 and ((amine with mixture) or (two with amine))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 17:22
S71	22850	S37 same ((amine with mixture) or (two with amine))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 17:23
S72	1487	S71 same (epichlorohydrin or epihalohydrin or \$4halohydrin\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 17:23
S73	771	S72 same polymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 17:23
S74	12403	S37 with ((amine with mixture) or (two with amine))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 17:30
S75	669	S74 with polymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 17:30
S76	303	S75 and polymer.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 17:30

## EAST Search History (Prior Art)

S77	71	S75 with (epichlorohydrin or epihalohydrin or \$4halohydrin\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/07 17:31
S78	12	US-3738945-\$.did. or EP-431739-\$.did. or US-3573095-\$.did. or WO-9728687-\$.did. or EP-738608-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/08 10:33
S79	1	("20090094758").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/15 18:22
S80	2	JP-11277887-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/16 18:48
S81	1	("4647379").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/16 19:00

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1618	525/76,50,55,70.ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/01/13 15:25
L2	569	8/94.15,94.1R.ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/01/13 15:26
L3	178	564/498.ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/01/13 15:26
L4	126	(L1 or L2 or L3) and (amine and epichlorohydrin)	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/01/13 15:27